

## STATEMENT OF QUALIFICATIONS

**Name of Lab:** Scientific Crime Detection Laboratory  
5500 E. Tudor Road  
Anchorage, AK 99507

**Date:** June 4, 2009

**Name:** Jeanne Swartz

**Job Title:** Forensic Scientist III

**Discipline(s):** Indicate all areas in which you do casework.

Breath Alcohol

**Education:** List all higher academic institutions attended.

Institution	Dates attended	Major	Degree completed
University of Alaska, Anchorage	1985 - 1991	Education	M. A. - Teaching
Mary Washington College	1974 - 1978	Chemistry/Geology	B. S.

**Other Training:** List continuing education, workshops, in-service and other formal training received.

12/02-03/02: Drug Recognition Expert Program Regional, Seattle, WA (16 hours)

07/07/99: Bloodborne Pathogen Training, Scientific Crime Detection Laboratory, Anchorage, Alaska (2 hours)

08/15/00 – present: In-house training on analysis of blood alcohol

12/04-10/99: The Robert F. Borkenstein Course on Alcohol, Drugs and Highway Safety: Testing, Research and Litigation, Indiana University, Bloomington, Indiana, (40 hours)

10/08/99: Winning Courtroom Confrontations, Valerie VanBrocklin, Law Enforcement Trainer, Anchorage PD Training Facility, Anchorage, Alaska (8 hours)

09/20-23/99: Factory Training on Datamaster cdm Infrared Breath Alcohol Analyzer, National Patent Analytical Systems, Mansfield, Ohio (32 hours)

07/22-07/27/01: Advanced Factory Training Datamaster cdm, National Patent Analytical Systems, (40 hours on site in Alaska).

01/09/-01/11/06: DMT DataMaster Factory Training, National Patent Analytical Systems, Mansfield, Ohio (20 hours)

03/25-02/27/02: The Effects of Drugs on Human Performance & Behavior, Indiana University, Robert F. Borkenstein Center for Studies of Law in Action, (24 hours)

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**Courtroom Experience:** List the discipline(s) in which you have qualified to testify as an expert witness and indicate over what period of time and approximately how many times you have testified in each.

Breath Alcohol – (>100 times).

Blood Alcohol –(>30 times).

Physiology, Pharmacology, Toxicology of Alcohol- (>100 times).

Homebrew Analysis-(2 times)

**Professional Affiliations:** List any professional organizations of which you are or have been a member. Indicate any offices or other positions held and the date(s) of these activities.

Member, International Association of Chemical Testers (IACT)

Voting Member, National Safety Council - Committee on Alcohol and Other Drugs

Member, Alcohol Testing Alliance

Member, Society of Forensic Toxicologists (SOFT)

**Employment History:** List all scientific or technical positions held, particularly those related to forensic sciences. List current position first. Give a brief summary of principal duties and tenure in each position.

- (1) Job Title: Forensic Scientist III, Criminalist I, II, III  
Employer: Alaska Department of Public Safety Scientific Crime Detection Laboratory  
Anchorage, Alaska  
Principal Duties: Coordinator, Breath Alcohol program for State of Alaska; maintain, repair evidentiary instruments. Train and provide support to officers.  
Tenure: 08/99 - present
- (2) Job Title: Laboratory Technician I  
Employer: Alaska Department of Public Safety Scientific Crime Detection Laboratory  
Anchorage, Alaska  
Principal Duties: Evidence Custodian, trainee in Breath Alcohol, general lab duties.  
Tenure: 10/98 - 08/99
- (3) Job Title: Teacher  
Employer: Anchorage School District  
Principal Duties: Provide classroom instruction in areas of chemistry and other science disciplines  
Tenure: 09/88 - 09/98
- (4) Job Title: Geophysicist  
Employer: Arco Alaska, Inc.  
Principal Duties: Interpret geophysical surveys with goal of discovering viable petroleum prospects  
Tenure: 08/79 - 09/85

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**Other Qualifications:**

List below any scientific publication and/or presentation you have authored or co-authored, research in which you are or have been involved, academic or other teaching positions you have held, and any other information which you consider relevant to your qualification as a forensic scientist.

DRE Coordinator, State of Alaska

**INSTRUCTOR CERTIFICATION:**

Alaska Police Standards Council Certified Police Instructor (Breath Alcohol)  
Alaska Department of Education Teacher Certificate (Chemistry)

**BREATH TEST INSTRUMENT CERTIFICATION:**

Factory Trained, DataMaster cdm Infrared Breath Alcohol Analyzer, National Patent Analytical Systems, Inc.

**CLASSES TAUGHT TO LAW ENFORCEMENT PERSONNEL:**

04/17/08 – 04/18/08	Breath Alcohol Supervisor School Re-Certification, Anchorage (15 hours)
04/21/08 – 04/25/08	Breath Alcohol Supervisor School Certification, Anchorage (40 hours)
03/08/07 – 03/09/07	Breath Alcohol Supervisor School Re-Certification, Anchorage (15 hours)
03/12/07 – 03/16/07	Breath Alcohol Supervisor School Certification, Anchorage (40 hours)
03/12/06 – 03/17/06	Breath Alcohol Supervisor School Certification, Anchorage (40 hours)
03/09/06 – 03/10/06	Breath Alcohol Supervisor School Re-Certification, Anchorage (15 hours)
03/13/05 – 03/18/05	Breath Alcohol Supervisor School Certification, Anchorage (40 hours)
03/10/05 – 03/11/05	Breath Alcohol Supervisor School Re-Certification, Anchorage (15 hours)
04/05/04 – 04/07/04	American Prosecutor's Research Institute course, "Protecting Lives, Saving Futures"
03/15/04 – 03/19/04	Breath Alcohol Supervisor School Certification, Anchorage (40 hours)
03/08/04 – 03/09/04	Breath Alcohol Supervisor School Re-Certification, Anchorage (15 hours)
03/09/03 – 03/14/03	Breath Alcohol Supervisor School Certification, Anchorage (40 hours)
03/26/03 – 03/27/03	Breath Alcohol Supervisor School Re-Certification, Anchorage (15 hours)
02/10/02 – 02/15/02	Breath Alcohol Supervisor School Certification, Anchorage (40 hours)
02/25/02 – 02/26/02	Breath Alcohol Supervisor School Re-Certification, Anchorage, (15 hours)
11/01/01 - 11/ 02/01	Breath Alcohol Supervisor School (Recertification), Anchorage (15 hours)
11/04/01 - 11/09/01	Breath Alcohol Supervisor School (Certification), Anchorage (40)
10/29/00 - 11/03/00	Breath Alcohol Supervisor School (Certification), Anchorage (40 hours)
08/31/00 - 09/01/00	Breath Alcohol Supervisor School (Recertification), Anchorage (15 hours)
06/01/00 - 06/02/00	ALET #23, DPS Training Academy, Sitka (15 hours)
numerous	Breath Alcohol Supervisor/Operator classes on use of DataMaster cdm
11/08/99 – 11/11/99	DWI Detection for Law Enforcement (NHTSA), Eielson AFB (30 hours)
10/13/99 - 10/15/99	ALET #22, DPS Training Academy, Sitka (24 hours)
09/12/99 – 09/17/99	Breath Alcohol Supervisor School (Certification), Anchorage (40 hours)
09/09/99 – 09/10/99	Breath Alcohol Supervisor School (Recertification), Anchorage (15 hours)

**CLASSES TAUGHT TO PROSECUTORS:**

04/05/04 – 04/07/04	American Prosecutor's Research Institute course, "Protecting Lives, Saving Futures"
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**Other Qualifications:**

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MEETINGS ATTENDED:

International Association for Chemical Testing (IACT)  
DataMaster Users group meeting, 5/02/09  
05/03-07/09 Anchorage, AK  
DataMaster Users group meeting, 5/17/08  
05/04-10/07 Tempe, AZ  
DataMaster Users group meeting, 5/03/07, Presentation to Group  
04/05-20/06 Orange County, CA  
DataMaster Users group meeting, 4/04/06  
04/10- 18/05 Madison, WI  
DataMaster Users group meeting, 4/09/05  
04/15-20/04 – Little Rock, AR  
DataMaster Users group meeting, 4/26/04  
04/25-30/03 – Cocoa Beach, Florida  
DataMaster Users group meeting, 4/27/03, Presentation to Group  
04/14-18/02 -Austin, TX  
DataMaster Users group meeting, 04/13/02, Presentation to Group  
04/22-26/01 -Williamsburg, VA  
DataMaster Users group meeting, 04/15/00  
04/15-20/00 - Halifax, Nova Scotia, Canada

SCIENTIFIC PRESENTATION TOPICS AT MEETINGS OF IACT:

04/25/01 (Williamsburg, VA) “Breath Testing Program in Alaska  
04/18/04 (Madison, WI), “Analysis of Beverage Alcohol Using DataMaster cdm”  
05/09/07 (Wilmington, NC), “Quality or Quantity: Effect of Variability of Sample Provision  
in Breath Alcohol Testing”

OTHER MEETINGS:

Alaska Legislative Information Session on .08 Effects  
11/14/00 – Anchorage, Alaska  
  
Magistrates Conference on DWI Issues (Judge Ashman)  
10/06/99 - Anchorage, Alaska  
  
International Association for Chemical Testing (IACT)  
04/23-04/27/01 – Williamsburg, VA  
Made a presentation on Alaska Breath Alcohol Program.  
  
Defense Bar Association Meeting  
11/30/01 – Kenai Alaska  
Made a presentation on Datamaster cdm.

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DRE 9th Annual National Conference  
07/11/03 – 07/13/03,  
Baltimore, MD

DRE Region 10 Annual Meeting  
09/26/03 – 09/27/03  
Vancouver, WA

DRE State Coordinator's/State Highway Safety Officer's Meeting  
04/15/04 – 04/16/04 Alexandria, VA  
Presented Alaska DRE program for acceptance to Technical Advisory Committee

DRE State Coordinator's/DRE Officer's Regional Meeting  
07/10/05, Phoenix, AZ

DRE 12<sup>th</sup> Annual National Conference  
06/12/06 – 06/16/06  
Kansas City, MO

DRE State Coordinator's/DRE Officer's Regional Meeting  
10/30/06, Phoenix, AZ

DRE 13<sup>th</sup> Annual National Conference  
07/30/07 – 08/02/07  
Las Vegas, NV

DRE State Coordinator's/DRE Officer's Regional Meeting  
10/30/07, Boise, ID

National Safety Council for Alcohol and Other Drugs DRE/Toxicology Summit  
05/23/04 – 05/25/04, Seattle, WA

Society of Forensic Toxicologists (SOFT)  
Continuing Education Committee  
Forensic Toxicology Review  
05/02/05 – 05/03/05, Spokane WA

National Safety Council's Committee on Alcohol and Other Drugs Annual Meeting  
02/20/07  
Austin, TX

TRAINING FACILITATED:

SFST Instructor Course  
03/17/03 – 03/21/03 – Anchorage

DRE PRE School  
03/24/03 – 03/25/03 – Anchorage

MCTFT Course: Identifying Impaired Persons  
03/11/04

DRE Field Evaluations  
06/23/04 – 06/27/04 – Anchorage

DRE Pre-School, DRE Certification course, and DRE Field Evaluation training  
10/23/04 – 11/06/04 – Anchorage

DRE In-Service  
05/24/06 – Anchorage

DRE In-Service  
05/18/07 - Anchorage

HOSTED CONFERENCE:

22<sup>nd</sup> Annual International Association for Chemical Testing (IACT) Conference – Anchorage, AK

OTHER:

Peer Reviewer for Journal of Analytical Toxicology

PUBLICATIONS:

“Breath Testing for Prosecutors: Targeting Hardcore Impaired Drivers”, American Prosecutors Research Institute (APRI) Special Topics Series